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ATTORNEY DOCKET NO. 045636-5083

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Patrice MARCHE *et al.*	)	
	)	
Application No.: 10/581,814	)	Group Art Unit: Unassigned
	)	
Filed: June 5, 2006	)	Examiner: Unassigned
	)	
For: METHOD FOR QUANTITATIVE EVALUATION OF A REARRANGEMENT OR A TARGETED GENETIC RECOMBINATION OF AN INDIVIDUAL AND USES THEREOF	)	

Commissioner for Patents
MAIL STOP PCT

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO-1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant

facts and law regarding the appropriate status of such document. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-0310.

Respectfully submitted,

MORGAN, LEWIS & BOCKIUS LLP

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Date: February 26, 2007

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) **PTO Form 1449** **Page 1 of 4, dated February 27, 2007**	Attorney Docket No. 045636-5083	Serial No. 10/581,814
	Applicants Patrice MARCHE, et al.	
	Filing Date June 5, 2006	Group Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	**Translation** YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.	ALLISON, T. J., et al.: "Structure of a Human γδ T-Cell Antigen Receptor", Nature, vol 411, pp 820-824, 2001
	2.	ARSTILA, T. P., et al.: "A Direct Estimate of the Human αβ T Cell Receptor Diversity", Science, vol 286, pp 958-961, 1999
	3.	BASSING, C.H., et al.: "The Mechanism and Regulation of Chromosomal V(D)J Recombination", Cell, vol 109, pp S45-S55, 2002
	4.	BASSING, C. H., et al.: "Recombination Signal Sequences Restrict Chromosomal V(D)J Recombination Beyond the 12/23 Rule", Nature, vol 405, pp 583-586, 2000
	5.	CABANIOLS, J. P., et al.: "Most α/β T Cell Receptor Diversity Is Due to Terminal Deoxynucleotidyl Transferase", Journal of Experimental Medicine, vol 194(9), pp 1385-1390, 2001
	6.	CAPONE, M., et al.: "Kinetics of T Cell Receptor Beta, Gamma, and Delta Arrangements During Adult Thymic Development: T Cell Receptor Rearrangements Are Present in CD44+CD25+Pro-T Thymocytes", Proceedings of the National Academy of Sciences of the United States of America, vol 95, pp 12522-12527, 1998
	7.	CASROUGE, A., et al.: "Size Estimate of the αβ TCR Repertoire of Naive Mouse Splenocytes", The Journal of Immunology, vol 164, pp 5782-5787, 2000
	8.	COWELL, L. G., et al.: "Prospective Estimation of Recombination Signal Efficiency and Identification of Functional Cryptic Signals in the Genome by Statistical Modeling", Journal of Experimental Medicine, vol 197(2), pp 207-220, 2003

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	9.	DAVODEAU, F., et al.: "The Tight Interallelic Positional Coincidence That Distinguishes T-Cell Receptor Jα Usage Does Not Result From Homologous Chromosomal Pairing During VαJα Rearrangement", The EMBO Journal, vol 20(17), pp 4717-4729, 2001
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	11.	FINK, P. J., et al.: "H-2 Antigens of the Thymus Determine Lymphocyte Specificity", Journal of Experimental Medicine, vol. 148, pp 766-775, 1978
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	14.	HENNECKE, J., et al.: "T Cell Receptor-MHC Interactions Up Close", Cell, vol. 104, pp 1-4, 2001
	15.	HUANG, C. Y., et al.: "Ordered and Coordinated Rearrangement of the TCR α Locus: Role of Secondary Rearrangement in Thymic Selection", The Journal of Immunology, vol 166, pp 2597-2601, 2001
	16.	KRANGEL, Michael S., "Gene Segment Selection in V(D)J Recombination: Accessibility and Beyond" Nature Immunology, vol 4(7), pp 624-630, 2003

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	17. LEE, A. I., et al.: "A Functional Analysis of the Spacer of V(D)J Recombination Signal Sequences", PLoS Biology, vol 1(1), pp 56-69, 2003
	18. MAUVIEUX, L., et al.: "T Early Alpha (TEA) Regulates Initial TCRVAJA Rearrangements and Leads to TCRJA Coincidence", The European Journal of Immunology, vol 31, pp 2080-2086, 2001
	19. McBLANE, F., et al.: "Stimulation of V(D)J recombination by Histone Acetylation", Current Biology, vol 10, pp 483-486, 2000
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	26.	STRAHL, B. D., et al.: "The Language of Covalent Histone Modifications", Nature, vol 403, pp 41-45, 2000
	27.	VAN GENT, D. C., et al.: "The RAG1 and RAG2 Proteins Establish the 12/23 Rule in V(D)J Recombination", Cell, vol 85, pp 107-113, 1996
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